

# Continuity/Reexam Information for 10/022659

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## Application Number Information

Application Number: 10/022659

[Assignments](#)Examiner Number: 80488 / [TORRES, JUAN](#)Filing or 371(c) Date: 12/18/2001 [eDan](#)Group Art Unit: [2611](#)[IFW Madras](#)

Effective Date: 12/18/2001

Class/Subclass:

375/265.000

Application Received: 12/20/2001

Lost Case: NO

Waiting for Response

Pat. Num./Pub. Num: /20030112885

[Appeal Number: 20083242](#)

Desc.

[Mail APDP](#)

Issue Date: 00/00/0000

Unmatched Petition: NO

Date of Abandonment: 00/00/0000

[L&R Code: Secrecy Code:1](#)

Attorney Docket Number: 14-6

Third Level Review: NO

Secrecy Order: NO

Status: 135 /BOARD OF APPEALS DECISION RENDERED

Status Date: 10/20/2008

Confirmation Number: 1760

Oral Hearing: NO

Title of Invention: METHOD AND APPARATUS FOR JOINT EQUALIZATION AND  
DECODING OF MULTILEVEL CODES

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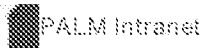
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Application  
Number

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IDS Flag Clearance for Application 10022659

**IDS  
Information**

Content	Mailroom Date	Entry Number	IDS Review	Last Modified	Reviewer
WIDS	2001-12-18	5	Y <input checked="" type="checkbox"/>	2007-05-09 00:00:00.0	CR #232884
Update					

# Inventor Information for 10/022659

Inventor Name	City	State/Country
AZADET, KAMERAN	MORGANVILLE	NEW JERSEY
HARATSCH, ERICH FRANZ	BRADLEY BEACH	NEW JERSEY

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## Inventor Name Search Result Office of Public Affairs

Your Search was:

Last Name = AZADET

First Name = KAMERAN

Application#	Patent#	PG Pub#	Status	Date Filed	Title	Examiner Name
<a href="#">11141337</a>	<a href="#">7355451</a>	20060017468	150	05/31/2005	COMMON-MODE SHIFTING CIRCUIT FOR CML BUFFERS	LE,DON
<a href="#">12020722</a>	Not Issued	20080117805	030	01/28/2008	METHOD AND APPARATUS FOR CROSS-TALK CANCELLATION IN FREQUENCY DIVISION MULTIPLEXED TRANSMISSION SYSTEMS	TROST IV,WILLIAM
<a href="#">12039474</a>	Not Issued	0	020	02/28/2008	METHOD AND APPARATUS FOR PIPELINED JOINT EQUALIZATION AND DECODING FOR GIGABIT COMMUNICATIONS	
<a href="#">60366923</a>	Not Issued		159	03/22/2002	BANDWIDTH EFFICIENT MULTICARRIER TRANSMISSION SYSTEM WITH CROSS-TALK CANCELLATION	
<a href="#">10106990</a>	<a href="#">6771198</a>	20030132870	150	03/25/2002	METHOD AND APPARATUS FOR CONVERTING BETWEEN ANALOG AND DIGITAL DOMAINS USING FREQUENCY INTERLEAVING	YOUNG,BRIAN

<u>60387828</u>	Not Issued		159	06/10/2002	DENSE WAVELENGTH DIVISION MULTIPLEXING (DWDM) SINGLE SIDE BAND (SSB) OPTICAL TRANSMISSION SCHEME BASED ON OPTICAL MUX/DEMUX	
<u>10348871</u>	<u>7164711</u>	20040141552	150	01/22/2003	PROGRAMMABLE RECEIVE-SIDE CHANNEL EQUALIZER	VO,DON
<u>10378096</u>	<u>7257329</u>	20040057733	150	02/28/2003	DUOBINARY PULSE SHAPING FOR OPTICAL TRANSMISSION SYSTEMS EMPLOYING PULSE AMPLITUDE MODULATION TECHNIQUES	LI,SHI
<u>10610334</u>	Not Issued	20040146002	041	06/30/2003	METHOD AND APPARATUS FOR REDUCING CROSS- TALK WITH REDUCED REDUNDANCIES	CORRIELUS,JEAN
<u>10610335</u>	Not Issued	20050018777	120	06/30/2003	METHOD AND APPARATUS FOR REDUCING NOISE IN AN UNBALANCED CHANNEL USING COMMON MODE COMPONENT	PERILLA,JASON
<u>10610336</u>	<u>7263541</u>	20040148323	150	06/30/2003	MULTI- DIMENSIONAL HYBRID AND TRANSPOSE FORM FINITE IMPULSE RESPONSE FILTERS	MAI,TAN
<u>11191895</u>	Not Issued	20070025490	071	07/28/2005	DIGITAL PHASE- LOCKED LOOP	MCKIE,GINA
<u>11234446</u>	<u>7363576</u>	20060020877	150	09/26/2005	METHOD AND APPARATUS FOR PIPELINED JOINT	TORRES,JOSEPH

					EQUALIZATION AND DECODING FOR GIGABIT COMMUNICATIONS	
<u>11256182</u>	Not Issued	20060039492	077	10/21/2005	HYBRID MEMORY ARCHITECTURE FOR REDUCED STATE SEQUENCE ESTIMATION (RSSE) TECHNIQUES	PHU,PHUONG
<u>11781313</u>	Not Issued	20070266069	030	07/23/2007	MULTI-DIMENSIONAL HYBRID AND TRANSPOSE FORM FINITE IMPULSE RESPONSE FILTERS	BULLOCK JR,LEWIS
<u>11859437</u>	Not Issued	0	030	09/21/2007	METHODS AND APPARATUS FOR PERFORMING REDUCED COMPLEXITY DISCRETE FOURIER TRANSFORMS USING INTERPOLATION	BULLOCK JR,LEWIS
<u>60180079</u>	Not Issued		159	02/03/2000	ZERO-OVERHEAD CODING FOR LAN SERIAL AND WDM SOLUTIONS	
<u>60245519</u>	Not Issued		159	11/03/2000	PIPELINED JOINT EQUALIZATION AND DECODING FOR GIGABIT COMMUNICATIONS	
<u>60347462</u>	Not Issued		159	01/11/2002	FREQUENCY INTERLEAVED ANALOG TO DIGITAL CONVERSION	
<u>60366930</u>	Not Issued		159	03/22/2002	OPTO-ELECTRONICALLY CALIBRATED PAM TRANSCEIVER	
<u>60525229</u>	Not Issued		159	11/25/2003	UNIVERSAL CONTROLLER FOR PC PERIPHERALS	
<u>60525230</u>	Not Issued		159	11/25/2003	LOW PIN-COUNT CONTROLLER WITH SHARED EEPROM	



<u>60525231</u>	Not Issued		159	11/25/2003	SOFTWARE-DIRECTED POWER MANAGEMENT FOR ETHERNET NETWORK DEVICE	
<u>11359201</u>	<u>7328227</u>	20060143259	150	02/22/2006	LOW POWER VECTOR SUMMATION APPARATUS	MAI,TAN
<u>09834668</u>	<u>7000175</u>	20020083396	150	04/13/2001	METHOD AND APPARATUS FOR PIPELINED JOINT EQUALIZATION AND DECODING FOR GIGABIT COMMUNICATIONS	TORRES,JOSEPH
<u>10022659</u>	Not Issued	20030112885	135	12/18/2001	METHOD AND APPARATUS FOR JOINT EQUALIZATION AND DECODING OF MULTILEVEL CODES	TORRES,JUAN
<u>10022665</u>	Not Issued	20030115541	124	12/18/2001	METHOD AND APPARATUS FOR JOINT EQUALIZATION AND DECODING OF MULTIDIMENSIONAL CODES TRANSMITTED OVER MULTIPLE SYMBOL DURATIONS	TORRES,JOSEPH
<u>10122997</u>	<u>7085794</u>	20030195906	150	04/12/2002	LOW POWER VECTOR SUMMATION METHOD AND APPARATUS	MAI,TAN
<u>10219905</u>	Not Issued	20030180055	120	08/15/2002	OPTICALLY CALIBRATED PULSE AMPLITUDE MODULATED TRANSMISSION SCHEME FOR OPTICAL CHANNELS	LI,SHI
<u>10219904</u>	<u>7155134</u>	20030180041	150	08/15/2002	PULSE AMPLITUDE MODULATED	PHAN,HANH

					TRANSMISSION SCHEME FOR OPTICAL CHANNELS WITH SOFT DECISION DECODING	
<u>10229623</u>	Not Issued	20040208583	161	08/28/2002	SINGLE SIDEBAND DENSE WAVELENGTH DIVISION MULTIPLEXED OPTICAL TRANSMISSION SCHEME	PHAN,HANH
<u>10219906</u>	<u>7362719</u>	20030179766	150	08/15/2002	METHOD AND APPARATUS FOR CROSS-TALK CANCELLATION IN FREQUENCY DIVISION MULTIPLEXED TRANSMISSION SYSTEMS	SAM,PHIRIN
<u>60412870</u>	Not Issued		159	09/23/2002	DUOBINARY PULSE SHAPING FOR PAM TRANSMISSION OVER OPTICAL CHANNELS	
<u>60443261</u>	Not Issued		159	01/28/2003	CROSS-TALK CANCELLER AND EQUALIZER ARCHITECTURE FOR UNBALANCED CHANNELS	
<u>60443258</u>	Not Issued		159	01/28/2003	MULTI- DIMENSIONAL HYBRID-FORM FIR FILTER ARCHITECTURE	
<u>60443260</u>	Not Issued		159	01/28/2003	ZERO-REDUNDANCY CROSS-TALK CANCELLATION ARCHITECTURE	
<u>10874834</u>	Not Issued	20050114721	061	06/23/2004	METHOD AND APPARATUS FOR POWER MANAGEMENT USING	CONNOLLY,MA

					TRANSMISSION MODE WITH REDUCED POWER	
<u>10880331</u>	Not Issued	20050114581	133	06/29/2004	UNIVERSAL CONTROLLER FOR PERIPHERAL DEVICES IN A COMPUTING SYSTEM	UNELUS,ERNES
<u>10924280</u>	Not Issued	20050114554	124	08/23/2004	PERIPHERAL CONTROLLER WITH SHARED EEPROM	CERULLO,JEREI
<u>10945663</u>	Not Issued	20060064755	041	09/21/2004	METHODS AND APPARATUS FOR INTERFACE ADAPTER INTEGRATED VIRUS PROTECTION	POLTORAK,PIO
<u>11561296</u>	Not Issued	20080120531	030	11/17/2006	METHODS AND APPARATUS FOR SOFT DECISION DECODING USING RELIABILITY VALUES BASED ON A LOG BASE TWO FUNCTION	LOUIS JACQUES,JACQI
<u>12187701</u>	Not Issued	0	020	08/07/2008	METHODS AND APPARATUS FOR IMPROVED PHASE LINEARITY IN A MULTI-PHASE BASED CLOCK/TIMING RECOVERY SYSTEM	

Inventor Search Completed: No Records to Display.

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## Inventor Name Search Result Office of Public Affairs

Your Search was:

Last Name = HARATSCH

First Name = ERICH

Application#	Patent#	PG Pub#	Status	Date Filed	Title	Examiner Name
<a href="#">11179715</a>	<a href="#">7274367</a>	20050243092	150	07/12/2005	METHOD FOR DEFINING ANIMATION PARAMETERS FOR AN ANIMATION DEFINITION INTERFACE	NGUYEN,PHU
<a href="#">11841356</a>	Not Issued	0	071	08/20/2007	METHOD FOR DEFINING ANIMATION PARAMETERS FOR AN ANIMATION DEFINITION INTERFACE	NGUYEN,PHU
<a href="#">09686077</a>	<a href="#">6483513</a>		150	10/12/2000	METHOD FOR DEFINING MPEP 4 ANIMATION PARAMETERS FOR AN ANIMATION DEFINITION INTERFACE	NGUYEN,PHU
<a href="#">09950792</a>	Not Issued	20020075301	161	09/13/2001	INTERACTION MODALITIES FOR MULTIMEDIA DELIVERY AND PRESENTATION USING NODES	NGUYEN,KIMBI
<a href="#">11931196</a>	Not Issued	20080114723	030	10/31/2007	INTERACTION MODALITIES FOR MULTIMEDIA DELIVERY AND PRESENTATION	GAFFIN,JEFFRE
<a href="#">09975052</a>	Not Issued	0	161	10/12/2001	METHOD FOR DEFINING	NGUYEN,PHU

					ANIMATION PARAMETERS FOR AN ANIMATION DEFINITION INTERFACE	
<u>10291428</u>	<u>6970172</u>	20030184547	150	11/12/2002	SYSTEM FOR DEFINING MPEG 4 ANIMATION PARAMETERS FOR AN ANIMATION DEFINITION INTERFACE	NGUYEN,PHU
<u>61135732</u>	Not Issued		020	07/22/2008	ENHANCED INTER CELL INTERFERENCE CANCELLATION TECHNIQUES FOR FLASH MEMORIES	
<u>11620988</u>	Not Issued	20080168330	025	01/08/2007	SYSTEMS AND METHODS FOR PRIORITIZING ERROR CORRECTION DATA	
<u>12017547</u>	Not Issued	0	025	01/22/2008	METHODS AND APPARATUS FOR REDUCED COMPLEXITY SOFT- OUTPUT VITERBI DETECTION	
<u>11496121</u>	Not Issued	20080052595	030	07/31/2006	METHODS AND APPARATUS FOR LOW-DENSITY PARITY CHECK DECODING USING HARDWARE- SHARING AND SERIAL SUM- PRODUCT ARCHITECTURE	LOUIS JACQUES,JACQI
<u>11535540</u>	Not Issued	20080077829	030	09/27/2006	SYSTEMS AND METHODS FOR GENERATING ERASURE FLAGS	LOUIS JACQUES,JACQI
<u>12017765</u>	Not Issued	0	025	01/22/2008	METHODS AND APPARATUS FOR MAP DETECTION WITH REDUCED COMPLEXITY	

<u>11045585</u>	Not Issued	20060174183	061	01/28/2005	METHOD AND APPARATUS FOR SOFT-OUTPUT VITERBI DETECTION USING A MULTIPLE-STEP TRELLIS	ALPHONSE,FRI
<u>60244453</u>	Not Issued		159	10/30/2000	LOW COMPLEXITY JOINT EQUALIZER AND DECODER FOR 1000BASE-T GIGABIT ETHERNET	
<u>10962188</u>	Not Issued	20050105658	071	10/08/2004	PIPELINED DECISION-FEEDBACK UNIT IN A REDUCED-STATE VITERBI DETECTOR WITH LOCAL FEEDBACK	VLAHOS,SOPH
<u>10853087</u>	Not Issued	20050268210	093	05/25/2004	METHOD AND APPARATUS FOR MULTIPLE STEP VITERBI DETECTION WITH LOCAL FEEDBACK	LAMARRE,GUY
<u>10853090</u>	Not Issued	20050264906	161	05/25/2004	METHOD AND APPARATUS FOR REDUCED-STATE VITERBI DETECTION IN A READ CHANNEL OF A MAGNETIC RECORDING SYSTEM	MERCEDES,DIS
<u>10853089</u>	<u>7380199</u>	20050268211	150	05/25/2004	METHOD AND APPARATUS FOR PRECOMPUTATION AND PIPELINED SELECTION OF BRANCH METRICS IN A REDUCED-STATE VITERBI DETECTOR	LAMARRE,GUY
<u>10853088</u>	Not Issued	20050265492	041	05/25/2004	METHOD AND APPARATUS FOR PRECOMPUTATION AND PIPELINED SELECTION OF INTERSYMBOL INTERFERENCE ESTIMATES IN A	GUARINO,RAHE

					REDUCED-STATE VITERBI DETECTOR	
<u>10022665</u>	Not Issued	20030115541	124	12/18/2001	METHOD AND APPARATUS FOR JOINT EQUALIZATION AND DECODING OF MULTIDIMENSIONAL CODES TRANSMITTED OVER MULTIPLE SYMBOL DURATIONS	TORRES,JOSEPH
<u>09834668</u>	<u>7000175</u>	20020083396	150	04/13/2001	METHOD AND APPARATUS FOR PIPELINED JOINT EQUALIZATION AND DECODING FOR GIGABIT COMMUNICATIONS	TORRES,JOSEPH
<u>10022659</u>	Not Issued	20030112885	135	12/18/2001	METHOD AND APPARATUS FOR JOINT EQUALIZATION AND DECODING OF MULTILEVEL CODES	TORRES,JUAN
<u>60245519</u>	Not Issued		159	11/03/2000	PIPELINED JOINT EQUALIZATION AND DECODING FOR GIGABIT COMMUNICATIONS	
<u>61194751</u>	Not Issued		019	09/30/2008	BELIEF PROPAGATION DECODING OF LDPC CODES FOR FLASH MEMORIES	
<u>61134688</u>	Not Issued		020	07/10/2008	INTER CELL INTERFERENCE CANCELLATION TECHNIQUES FOR FLASH MEMORIES	
<u>61133675</u>	Not Issued		020	07/01/2008	INTER CELL INTERFERENCE CANCELLATION TECHNIQUES FOR FLASH MEMORIES	
<u>61068934</u>	Not		020	03/11/2008	MULTI-LEVEL	

	Issued				CODING AND READ/WRITE ACCESS STRATEGIES FOR MULTI-PAGE CELL FLASH	
<a href="#">11256182</a>	Not Issued	20060039492	077	10/21/2005	HYBRID MEMORY ARCHITECTURE FOR REDUCED STATE SEQUENCE ESTIMATION (RSSE) TECHNIQUES	PHU,PHUONG
<a href="#">11234446</a>	<a href="#">7363576</a>	20060020877	150	09/26/2005	METHOD AND APPARATUS FOR PIPELINED JOINT EQUALIZATION AND DECODING FOR GIGABIT COMMUNICATIONS	TORRES,JOSEPH
<a href="#">12101322</a>	Not Issued	20080189532	020	04/11/2008	METHOD AND APPARATUS FOR PRECOMPUTATION AND PIPELINED SELECTION OF BRANCH METRICS IN A REDUCED STATE VITERBI DETECTOR	
<a href="#">12039474</a>	Not Issued	0	020	02/28/2008	METHOD AND APPARATUS FOR PIPELINED JOINT EQUALIZATION AND DECODING FOR GIGABIT COMMUNICATIONS	
<a href="#">11691847</a>	Not Issued	20070189424	071	03/27/2007	METHOD AND APPARATUS FOR REDUCED-STATE VITERBI DETECTION IN A READ CHANNEL OF A MAGNETIC RECORDING SYSTEM	MERCEDES,DISNEY
<a href="#">11119038</a>	Not Issued	20060248435	071	04/29/2005	METHOD AND APPARATUS FOR ITERATIVE ERROR- ERASURE DECODING	TORRES,JOSEPH

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